

Work Order ID 132372 - 2

May-07-15 2:34:36 PM

132372

W/R

Page 1

Item ID: 646.4001

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: AS350 Cable Cutter System

Stop *NS2*

Start Date: 5/07/15 Start Qty: 2.00

Required Date: 5/28/15 Req'd Qty: 2.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: MLS

Date: MAY 11 2015

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

646.4000

B U/R

15.05.12

100

Document Control

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP 646.4001

DAS
6
9-89

JUN 05 2015

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

MAY 13 2015

DAS
28
9-89

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

DAS
6
9-89

JUN 05 2015

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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Picklist Print

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Page 1

Work Order ID: 132372

132372

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM
IPP REV:B 15.01.08 AS PER DWG REV.B DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

646.3301		Manufactured	No				Each	15.0000	1	2			
646.3301 Upper Cutter Assy Location CCK042 100125 123396 124729 CCK046 124258 Loc Qty 13 3 8 2 2 2 Loc Code													

DAS
6
9-89

MAY 13 2015

DAS
28
9-89

646.3001		Manufactured	No				Each	15.0000	1	2			
646.3001 Lower Cutter Assy Location CCK045 124505 124733 92897 Loc Qty 15 6 7 2 Loc Code													

DAS
6
9-89

MAY 13 2015

DAS
28
9-89

646.2910		Manufactured	No				Each	18.0000	1	2			
646.2910 Deflector Location CCK050 100811 123356 Loc Qty 18 2 16 Loc Code													

DAS
6
9-89

MAY 13 2015

DAS
28
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																		
Description Work Order Deviation				Disposition																					

Root Cause				FAULT CATEGORY			
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong		
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions		
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance		
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect		
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing		
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved		
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing		
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish		
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread		
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence		
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____					
Misidentified ☐	☐ Past Due						

Picklist Print

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Page 2

Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

646.3810

Manufactured No

Each

24.0000

4

646.3810

Bracket

**

DAS
27
9-89

DAS
28
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

cck023a

6

131001

6

cck104

18

123020

6

124329

4

127867

6

129890

2

646.3510

Manufactured No

Each

21.0000

2

646.3510

Strut

**

DAS
27
9-89

DAS
28
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

cck101

6

120150

6

cck15a

15

106666

4

127077

11

646.3511

Manufactured No

Each

18.0000

2

646.3511

Strut

**

DAS
27
9-89

DAS
28
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

cck102

5

120292

5

cck15a

13

102891

4

127082

9

MAY 13 2015

May-07-15 2:34:31 PM

Shop Packet Print

Page 2

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

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Picklist Print

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Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

647.0112

Manufactured No

Each 231.0000 4

647 0112

Strut Bracket

**

DAS
6
9-89

Location

Loc Qty

Loc Code

CCK109

231

112215

34

122245

19

122871

52

123318

34

M130388

92

Each 8.0000 4

**

DAS
27
9-89

DAS
28
9-89

647.7703

Manufactured No

647 7703

Strut Assembly

DAS
6
9-89

Location

Loc Qty

Loc Code

CCK112

8

128211

3

130285

5

Each 3,600.000 276

**

DAS
27
9-89

DAS
28
9-89

NAS1149F0332P

Purchased No

NAS1149F0332P

Washer

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

222

122063

222

ST260a

2586

m128401

6

m131026

80

m131697

2500

st268

792

123900

286

m130325

420

m130388

86

MAY 13 2015

90
48

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Shop Packet Print

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								QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : _____																			

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Page 4

Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

MS21042L3

Purchased

No

Each

2,135.000

122

MS21042L3

Nut

DAS
6
9-89

Location

Loc Qty

Loc Code

FP001

420

M130922

420

GA

602

M131317

602

ST305

1113

116549

12

126333

49

M128754

2

M131624

50

st305

1000

MP123

122

646.3110

Manufactured

No

Each

9.0000

2

646.3110

Channel

DAS
6
9-89

Location

Loc Qty

Loc Code

cck020

9

100124

2

126780

7

Each

36.0000

2

646.3710

Manufactured

No

646.3710

Doubler

DAS
6
9-89

Location

Loc Qty

Loc Code

CCK015

36

113729

6

127550

30

2

MAY 13 2015

DAS
28
9-89

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Shop Packet Print

Page 4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Picklist Print

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Page 5

Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

646.3210

Manufactured No

Each

10.0000

2

646 3210

Support

DAS
6
9-89

Location

Loc Qty

Loc Code

cck020

10

124388

1

126777

9

646.3713

Manufactured No

Each

28.0000

2

646 3713

Gusset

DAS
6
9-89

Location

Loc Qty

Loc Code

cck103

28

120631

28

MS24694-S51

Purchased No

Each

257.0000

10

MS24694-S51

Screw

DAS
6
9-89

Location

Loc Qty

Loc Code

ST289

257

m127432

20

m130928

237

AN3-13A

Purchased No

Each

78.0000

2

AN3-13A

Bolt

DAS
6
9-89

Location

Loc Qty

Loc Code

CA

5

m129682

5

GA

20

m127070

20

ST349

53

m123759

3

m131305

50

MAY 13 2015

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Page 5

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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Picklist Print

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Page 6

Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

AN3-4A Purchased No

Each 140.0000 10 20

AN3-4A

Bolt

**

Location

Loc Qty

Loc Code

CA

108

m129682

108

ST350

32

m129702

32

Each 50.0000 14 28

CR3213-5-3 Purchased No

CR3213-5-3

Cherry Rivet

**

Location

Loc Qty

Loc Code

ST319

50

m127831

30

m130388

20

Each 295.0000 8 16

MS20470AD5-5.5 Purchased No

MS20470AD5-5 5

Rivet

**

Location

Loc Qty

Loc Code

ST310

295

123425

295

Each 48.0000 16 2

646.3711 Manufactured No

646 3711

Clip

**

Location

Loc Qty

Loc Code

cck103

48

120626

46

93929

2

MAY 13 2015

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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OTHER : _____																																																																							

Picklist Print

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Page 7

Work Order ID: 132372

132372

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

646.3712

Manufactured No

Each

38.0000

2

646 3712

Clip

**

DAS
27
9-89

DAS
28
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

cck103

38

101119

2

120630

36

Each

35.0000

2

646.3811

Manufactured No

646 3811

Radius Block

**

DAS
27
9-89

DAS
28
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

cck104

35

106714

2

110717

18

122938

15

Each

209.0000

4

AN3-6A

Purchased No

AN3-6A

Bolt

**

DAS
27
9-89

DAS
28
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

ST338a

105

M130466

5

M131305

100

ST349

104

127044

4

M131957

100

MAY 13 2015

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Page 7

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
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Picklist Print

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Page 8

Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

MS24694-S55

Purchased

No

Each

102.0000

2

MS24694-S55

Screw

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST289

102

m131317

2

m131624

100

Each

15.0000

2

Manufactured

No

**

DAS
27
9-89

DAS
28
9-89

646.3610

646 3610

Filler

DAS
6
9-89

Location

Loc Qty

Loc Code

cck103

9

102275

2

124514

7

k023a

6

127737

6

Each

29.0000

2

Manufactured

No

**

DAS
27
9-89

DAS
28
9-89

646.3714

646 3714

Gusset

DAS
6
9-89

Location

Loc Qty

Loc Code

cck103

29

120632

29

Each

1,176.000

16

Purchased

No

**

DAS
27
9-89

DAS
28
9-89

MS20470AD5-6

MS20470AD5-6

RIVET

6
9-89

Location

Loc Qty

Loc Code

CCK004

890

124089

890

ST309

286

105433

286

MAY 13 2015

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Page 8

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
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				Lead hand / Supervisor Approval Verification	
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OTHER : _____					

Picklist Print

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Page 9

Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

646.3812

Manufactured No

Each

24.0000

4

646 3812

Gusset Bracket

DAS
6
9-89

Location

Loc Qty

Loc Code

cck023a

14

127358

8

130858

6

cck104

10

122898

4

124150

6

Each

432.0000

8

AN3-3A

Purchased

No

AN3-3A

Bolt

DAS
6
9-89

Location

Loc Qty

Loc Code

ST338a

426

m131305

150

m131624

276

ST350

6

m129591

6

Each

22.0000

2

646.3813

Manufactured

No

646 3813

Strut Bracket

DAS
6
9-89

Location

Loc Qty

Loc Code

cck104

7

121503

7

CCK23a

7

127453

4

130946

3

CCK25

8

122968

4

124265

4

MAY 13 2015

DAS
28
9-89

May-07-15 2:34:33 PM

Shop Packet Print

Page 9

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐																																																																				
Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐																																																																				
Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐																																																																				
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Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐																																																																				
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Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																																																																				
OTHER :																																																																							

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Page 10

Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

MS20470AD5-7

Purchased

No

Each

590.0000

6

MS20470AD5-7

Rivet

DAS
6
9-89 ✓

Location

ST309

Loc Qty

590

Loc Code

123425

590

Each

102.0000

36

MS21047-3

Purchased

No

MS21047-3

Nut Plate

DAS
6
9-89 ✓

Location

ST303

Loc Qty

102

Loc Code

m130388

8

m131317

94

Each

241.0000

72

CCR264SS3-02

Purchased

No

CCR264SS3-02

Rivet, Cherry

DAS
6
9-89 ✓

Location

ST321

Loc Qty

241

Loc Code

M131340

91

M131803

150

m132123

72

MAY 13 2015

MAY 13 2015

MAY 13 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date : _____		Step # : _____		QTY Effective : _____				MRB (QSI042) Approval																																																									
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Page 11

Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

AN3-5A

Purchased

No

Each

602.0000

4

AN3-5A

Bolt

**

DAS
27
9-89

DAS
28
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

CA

135

m129682

135

FP001

19

124561

4

m130325

15

GA

448

m129507

26

m131420

422

646.3715

Manufactured

No

Each

24.0000

4

646 3715

Strut Doubler

**

DAS
27
9-89

DAS
28
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

cck103

24

123469

7

124376

9

131050

8

MS27039-1-12

Purchased

No

Each

138.0000

12

MS27039-1-12

Screw

**

DAS
27
9-89

MAY 13 2015

DAS
6
9-89

Location

Loc Qty

Loc Code

ST285

138

m125654

12

m128799

26

m131317

100

DAS
28
9-89

May-07-15 2:34:33 PM

Shop Packet Print

Page 11

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																																												
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Picklist Print

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Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

646.3716 Manufactured No

Each 13.0000 2

646 3716

Gauge Bracket

DAS

27
8-89

DAS

28
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

cck103

13

122908
93198

11

2

Each

134.0000

4

DAS
27
8-89

DAS

28
9-89

MS20426AD5-7

Purchased No

MS20426AD5-7

RIVET

DAS
6
9-89

Location

Loc Qty

Loc Code

ST312

134

101340

134

Each

54.0000

4

DAS
27
8-89

DAS

28
9-89

MS24694-S54

Purchased No

MS24694-S54

SCREW

DAS
6
9-89

Location

Loc Qty

Loc Code

ST289

54

m130388
m131886

14

40

Each

492.0000

8

DAS
27
8-89

DAS

28
9-89

MS27039-1-21

Purchased No

MS27039-1-21

Screw

DAS
6
9-89

Location

Loc Qty

Loc Code

ST273A

395

m127904

395

ST284

97

124326

8

m126319

89

MAY 13 2015

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
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Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
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Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐								
		OTHER : _____							

Picklist Print

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Page 13

Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

MS27039-1-20

Purchased

No

Each

258.0000

2 4

MS27039-1-20

Screw

**

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST284

258

124326

258

Each

466.0000

22 44

MS27039-1-19

Purchased

No

MS27039-1-19

Screw

**

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

132

m124326

32

m127904

100

ST273A

249

m127904

249

ST284

85

125654

44

m127904

41

646.3717

Manufactured

No

646.3717

Doubler

Each

28.0000

1 2

**

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

cck103

28

120633

28

Each

16.0000

2 4

646.3718

Manufactured

No

646.3718

Custom Washer

**

DAS
27
9-89

MAY 13 2015

Location

Loc Qty

Loc Code

cck104

16

101019

4

110639

12

DAS
6
9-89

DAS
28
9-89

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Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

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Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

646.3719

Manufactured No

Each 51.0000 4

646 3719

Doubler

**

DAS
27
9-89

Location

Loc Qty

Loc Code

cck104

20

123589

20

cck126

31

120634

31

Each 381.0000 4

MS27039-1-10

Purchased No

MS27039-1-10

SCREW

**

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

CA

41

m128635

41

GA

239

m129541

239

ST285

101

m123522

2

m130358

85

m130388

14

Each 440.0000 20

AN3-11A

Purchased No

AN3-11A

Bolt

**

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST338a

440

m125709

440

MAY 13 2015

May-07-15 2:34:34 PM

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Page 14

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																	
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Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

600.0990

Purchased

No

Each

62.0000

2

600 0990

MAGNABOND 6398 PART A

**

DAS
28
9-89

Location

Loc Qty

Loc Code

CA2

62

M130388

1

M129818

34

7/16/15

2

M131589

27

2/11/16

600.0991

Purchased

No

Each

67.0000

2

600 0991

MAGNOBOND 6398 PART B

**

DAS
28
9-89

Location

Loc Qty

Loc Code

CA2

62

m130388

1

M129818

33

7/16/15

2

m131589

28

2/11/16

MF

5

130685

5

600.1012

Purchased

No

Each

20.0000

2

600 1012

Sealant PR1425B2 (#654 sem)

**

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

cck017

18

m131364

18

10/30/15

2

cck018

2

m129749

2

EXP
OCT 2015

DAS
6
9-89

MAY 13 2015

EXP: OCT/2015

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Skid-tube ☐</td> <td style="width: 15%;">Cross tube ☐</td> <td style="width: 15%;">Water Jet ☐</td> <td style="width: 15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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		OTHER : _____																							

Picklist Print

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Work Order ID: 132372

132372

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

600.0129

Purchased

No

f

240.0000

16

600 0129

VHB TAPE 75935A651

**

DAS
6
9-89

Location

Loc Qty

Loc Code

CCK095

240

m127920

DAS
27
9-89

m131311

240

Each

985.0000

10

600.1013

Purchased

No

600 1013

021200-3M TAPE PRIMER 94 PRIMER 24216

**

DAS
6
9-89

Location

Loc Qty

Loc Code

CCK095

985

125154

10

m131145

975

6/15/16

Each

92.0000

8

646.3910

Manufactured

No

646 3910

Shim

**

DAS
6
9-89

Location

Loc Qty

Loc Code

cck023a

72

122951

60

124245

12

cck104

20

106729

8

126228

12

MAY 13 2015

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Shop Packet Print

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DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

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Work Order ID: 132372

132372

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter System

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

646.3911

Manufactured No

Each

90.0000

2

646.3911

Shim

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

cck023

52

106863

2

126059

50

cck104

26

118824

8

126229

18

k023a

12

123075

12

646.3912

Manufactured No

Each

123.0000

8

646.3912

Shim

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

cck023a

60

123143

50

124501

10

cck104

63

103082

3

106927

10

123530

50

MAY 13 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Picklist Print

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Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

646.3913

Manufactured No

Each

128.0000

2

646 3913

Shim

**

DAS
27
9-89

DAS
28
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

cck023a

25

124108

25

cck023aq

82

126060

82

cck104

21

100136

4

126058

1

126231

16

Remette

AN3-12A

Purchased

No

Each

129.0000

4

AN3-12A

Bolt

**

DAS
27
9-89

DAS
28
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

CA

69

m129682

69

GA

8

m130566

8

ST349

52

m126192

4

m130566

48

MS27039-1-16

Purchased

No

Each

148.0000

4

MS27039-1-16

Screw

**

DAS
27
9-89

DAS
28
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

ST285

148

m130224

40

m130388

8

m131317

100

MAY 13 2015

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

650.9201

Manufactured No

Each 0.0000

650 9201

Eyelet Bracket Assembly

AN44-5A

AN44-5A

Eyebolt

DAS
6
9-89

Purchased No

Each 54.0000

B132775

**

2 4

DAS
27
9-89

DAS
28
9-89

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST339

54

124241

25

m123900

13

m126193

10

m130388

6

Each

16.0000

2 4

**

DAS
27
9-89

DAS
28
9-89

AN665-34R

Purchased No

AN665-34R

Clevis

DAS
6
9-89

Location

Loc Qty

Loc Code

ST330

16

M130388

12

M131584

4

Each

148.0000

2 4

**

DAS
27
9-89

DAS
28
9-89

AN4C7A

Purchased No

AN4C7A

BOLT

DAS
6
9-89

Location

Loc Qty

Loc Code

ST312A

100

m127363

100

ST345

48

m128634

36

m130388

12

DAS
6
9-89

MAY 13 2015

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Page 19

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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Picklist Print

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Page 20

Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

NAS1149F0432P

Purchased

No

Each

1,092.000

8

NAS1149F0432P

WASHER

**

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST260a

1000

M131697

1000

st268

92

M128995

63

M130388

16

M131340

13

Each

2,297.000

4

**

DAS
27

MAY 13 2015

DAS
28
9-89

MS21042L4

Purchased

No

MS21042L4

Locknut

Location

Loc Qty

Loc Code

FP001

42

m124231

42

GA

224

m127813

224

ST260a

62

m130799

56

m131803

6

ST305

1969

m128300

8

m130388

16

m130922

97

m131618

12

m132123

1836

4

DAS
6
9-89

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Shop Packet Print

Page 20

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
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Root Cause		FAULT CATEGORY																							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐																				
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Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐																				
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Past Expiry Date ☐	Manufacturing Process ☐	OTHER :																							
Misidentified ☐	Past Due ☐																								

Picklist Print

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Page 21

Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

AN316C4R

Purchased

No

Each

57.0000

4

AN316C4R

NUT

**

DAS

27

DAS

28

9-89

DAS

6

9-89

Location

Loc Qty

Loc Code

ST331

57

124561

8

m127584

8

m127618

20

m127838

13

m130388

8

Each

620.0000

4

**

DAS

27

DAS

28

9-89

9-89

MS21042-3

MS21042L3

Purchased

No

MS21042-3

Nut / use MS21042L3

Location

Loc Qty

Loc Code

CA

501

M129682

501

ST305

119

M128770

10

M129541

15

M130388

94

Each

457.0000

4

**

DAS

27

DAS

28

9-89

9-89

MS27039-08-13

Purchased

No

MS27039-08-13

Screw

Location

Loc Qty

Loc Code

ST273A

346

124326

346

ST281

111

123352

29

4067

69

M123185

1

M130388

12

DAS

6

9-89

MAY 13 2015

May-07-15 2:34:36 PM

Shop Packet Print

Page 21

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

Picklist Print

May-07-15 2:34:36 PM

Page 22

Work Order ID: 132372

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter System

132372

646 4001

Start Date: 5/07/15

Required Date: 5/28/15

Start Qty: 2.00

Required Qty: 2.00

MS21042-08 MS21042L08 Purchased

No

Each

39.0000

4

MS21042-08

USE MS21042L08

**

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST304

25

122815

25

ST306

14

m130388

14

Each

3,556.000

8

**

DAS
27
9-89

DAS
28
9-89

NAS1149FN832P

Purchased

No

NAS1149FN832P

Washer

Location

Loc Qty

Loc Code

ST260a

1870

125268

1870

st268

1686

125268

737

M130388

949

MAY 13 2015

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

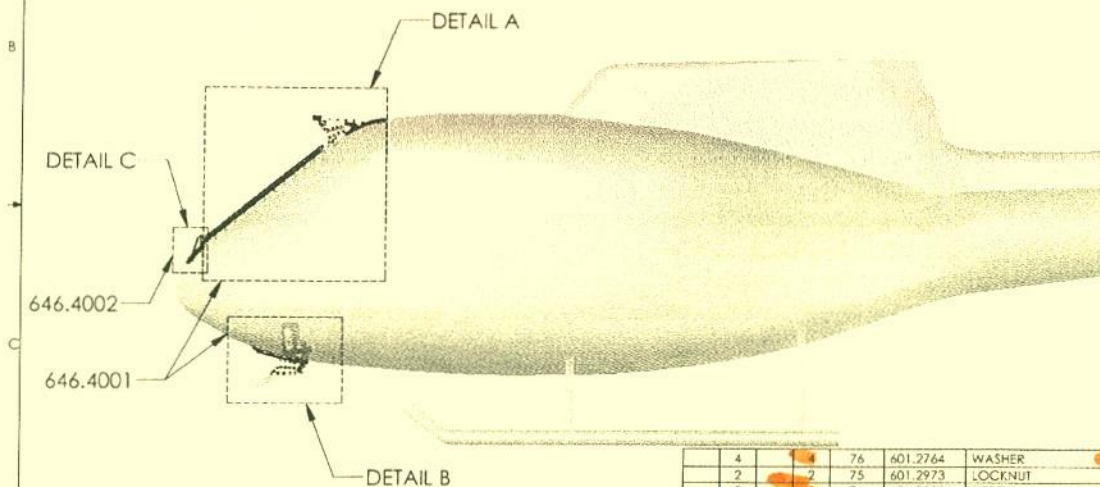
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OTHER : _____					

DAS
6
9-89

NOTES:

- 1 AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES
- 2 INSTALL F/N 14 WITH F/N 52 & 53
- 3 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR : MCMMASTER-CARR P/N 75935A651
- 4 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE
VENDOR: R.S. HUGHES P/N 021200-24216
- 5 REUSE FASTENERS FROM F/N 1
- 6 USE WASHERS AS REQUIRED AS SHIMS TO OBTAIN BEST FITMENT
- 7 AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ONTO F/N 1

REFERENCE ONLY

[illegible]

REV		DESCRIPTION		DATE	APPROVED
A	INCORPORATED ICH 02/19/99, C231, 02/17/98 & 02/17/95			02/08/2010	P. BRAYO
B	INCORPORATED ICH 03/09/98, 03/09/98 & 04/31/93			11/04/2014	P. BRAYO

8 FT	8 FT	55	600.0179	VHB TAPE	
1	1	54	600.1012	SEALANT	PR 1425 CLASS B
1	1	53	600.0991	MAGNORON 639B PART B	△
1	1	52	600.0990	MAGNORON 639B PART A	△
10	10	51	601.2826	BOLT	ANSI 1. A
	2	50	646.3814	WIPER BRACKET	
	2	49	601.2910	SCREW	MS27039-1.18
2	2	48	601.1345	SCREW	MS27039-1.10
2	2	47	646.3719	DOUBLER	
	2	46	646.3718	CUSTOM WASHER	
1		45	646.3717	DOUBLER	
22	2	44	601.1948	SCREW	MS27039-1.18
2	2	43	601.1952	SCREW	MS27039-1.10
4	4	42	601.1956	SCREW	MS27039-1.10
2	2	41	601.2829	SCREW	MS27039-1.10
2	2	40	601.2831	RIVET	MS27039-1.10
	6	39	646.3816	GAUGE BRACKET	
	6	38	601.1953	SCREW	MS27039-1.10
2	2	37	646.3715	STRUT DOUBLER	
	2	36	601.2824	BOLT	ANSI 3A
36	36	35	601.2227	RIVET	MS27039-1.10
18	18	34	600.0795	NUTPLATE	MS27039-1.10
3	3	33	601.2565	RIVET	MS27039-1.10
1	1	32	646.3813	STRUT BRACKET	
4	4	31	601.2822	BOLT	ANSI 3A
2	2	30	646.3812	GUSSET BRACKET	
8	8	29	601.2564	RIVET	MS27039-1.10
1	1	28	646.3714	GUSSET	
	1	27	646.3610	FILLER	
	1	26	601.2830	SCREW	MS27039-1.10
2	2	25	601.2825	BOLT	ANSI 3A
1	1	24	646.3811	RADIUS BLOCK	
	1	23	646.3712	CLIP	
	1	22	646.3711	CLIP	
8	8	21	601.2832	RIVET	MS27039-1.10
14	14	20	601.2020	RIVET	MS27039-1.10
10	10	19	601.2823	BOLT	ANSI 3A
	1	18	601.2827	BOLT	ANSI 3A
	5	17	601.2912	SCREW	MS27039-1.10
1	1	16	646.3713	GUSSET	
1	1	15	646.3710	SUPPORT	
1	1	14	646.3710	DOUBLER	
	1	13	646.3710	CHANNEL	
8	53	61	601.1624	LOCKNUT	MS27039-1.10
18	120	16	601.1607	WASHER	MS27039-1.10
		10	646.3410	LH WIPER DEFLECTOR	
		9	646.3411	RH WIPER DEFLECTOR	
2	2	8	647.7703	STRUT ASSY	
2	2	7	647.0112	STRUT BRACKET	
1	1	6	646.3511	STRUT	
1	1	5	646.3510	STRUT	
	2	4	646.3610	BRACKET	
2	1	3	646.2911	DEFLECTOR	
1	1	2	646.3001	LOWER CUTTER ASSY	
1	1	1	646.3301	UPPER CUTTER ASSY	
X			646.4004	FOOD PROVISION KIT	
X			646.4003	SEALANT CUTTERS W/SPRINT FILLS	
			646.4002	AS330 WIPER DEFLECTION KIT	
			646.4001	AS330 CABLE CUTTERS KIT	

QTY	ORIGINAL DATE	REV	DESCRIPTION	DATE	APPROVED
4003	4002	4001	4000	4000	4000
4003					

NEXT ASSY (S)		ORIGINAL DATE		REV		DESCRIPTION		DATE		APPROVED	
		08-24-98		08-27-08							
		08-24-98		08-27-08							
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